

MOSS FLORA.<sup>1</sup>—Part 3, Vol. III, of Grout's Moss Flora was issued in November. It describes 143 species and varieties, approximately half of which are fully illustrated by excellent line figures reproduced from such standard authorities as Bruch and Schimper, Husnot, Sullivant, Jennings, Dixon, etc., while many are from original drawings by Mrs. Cleaves. Illustrations of those not figured in this part will almost invariably be found in Grout's "Mosses with a Hand-lens and Microscope," to which, in each case, there is a definite reference. Additional authentic illustrations are also cited. The contrasting characters in the keys are, so far as checked, clear and definite; e. g., "large" and "small" are supplemented by definite minimum and maximum measurements. The text and plates are of the same high grade as in earlier parts, and only a very few minor typographical errors have been noted. The genera described are indicated below. The figure following each name indicates the number of species and varieties described under that genus. *Rhytidium* (1), *Rhytidiopsis* (1), *Rhytidiadelphus* (4), *Hylocomium* (5), *Hypnum* (31), *Brotherella* (4), *Heterophyllum* (2), *Sematophyllum* (6), *Homomallium* (3), *Amblystegiella* (4), *Pylaisia* (7), *Platygyrium* (4), *Taxithelium* (1), *Mittenothamnium* (1), *Tripterocladium* (1), *Vesicularia* (4), *Ectropothecium* (1), *Stereophyllum* (2), *Plagiothecium* (31), *Entodon* (11), *Holmgrenia* (5), *Thuidium* (14).—J. F. C.

HAWAIIAN WEEDS.<sup>2</sup>—A bulletin on the Weeds of the Hawaiian Islands, the senior author of which was, for many years, an active member of the New England Botanical Club, will interest some readers of RHODORA. Besides a page of descriptive text each species has a full-page illustration in line-drawing. Naturally, most of the plants are unfamiliar in New England, but *Chenopodium carinitum*, native of Australia, reached Cape Cod before it did Hawaii. And several of our familiar New England weeds are there: *Setaria verticillata*, *Digitalia sanguinalis*, *Amaranthus hybridus*, *Malva rotundifolia*, etc.—M. L. F.

<sup>1</sup> *Moss Flora of North America, North of Mexico*, by A. J. GROUT, Ph.D. pp. 115–178, pls. 30–44. Published by the Author, Newfane, Vt. Nov. 1932.

<sup>2</sup> *Weeds of the Pineapple Fields of the Hawaiian Islands*, by HAROLD ST. JOHN and EDWARD YATARO HOSAKA Univ. Hawaii. Research Pub. no. 6, 196 pp. (including illustrations.). Paper-bound, \$.75; cloth, \$1.75. PUBLICATIONS OFFICE, University of Hawaii, Honolulu, Hawaii.

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